# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 15 Apr 2023 until 23:59 on Sunday 16 Apr 2023

Forecast Issued on Saturday 15 Apr 2023 at 05:05

**Confidence:** High for broadly settled conditions. Lower for extent of lower cloud and rain Sunday.

**Headline for Saturday 15 Apr 2023:** Cloudy start, gradually brightening through the day.

**Mountain weather hazards on Saturday 15 Apr 2023**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>Low Likelihood | **Poor visibility**<br>Medium Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>Low Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| FOG | | | | | |
| Fog | Cloudy | Sunny intervals | Sunny intervals | Sunny | Partly cloudy (night) |
| Precipitation probability | | | | | |
| 10% | <05% | <05% | <05% | <05% | 10% |

**Forecast for Saturday 15 Apr 2023**

**Weather:** Early cloud shrouding hill tops at times during the morning, perhaps with some patchy drizzle. Fair weather cloud developing elsewhere by mid-morning. Cloud lifting and breaking to give a dry and increasingly bright afternoon with spells of strong sunshine. High cloud will thicken from the west late on, with a chance of patchy light rain across far western slopes by midnight.

**Chance of cloud-free hill tops above 600m:** 40%, improving to above 95% by mid-morning.

**Low Cloud and visibility:** During the early hours, cloud is likely shroud slopes above around 500-600m, particularly in any drizzle. Cloud tending to lift and break above summits by mid-morning. Visibility generally very good, but poor or very poor in early hill fog and in any rain or drizzle.

Check our weather forecast every day to get the most accurate and up to date information
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# Mountain Weather Forecast

**Forecast for Saturday 15 Apr 2023**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 7/11 NE | 8/9 E | 8/10 E | 8/11 S | 5/7 S | 8/11 SE | 10/15 SE |
| **300** | 5/11 NE | 5/8 E | 6/10 SE | 6/10 S | 2/4 SW | 2/7 SE | 2/11 SE |
| **Valley** | 4/10 NE | 4/6 SE | 5/10 SE | 7/12 SW | 2/5 SW | 3/6 E | 4/9 E |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 2/-1 | 4/1 | 5/2 | 7/5 | 7/5 | 6/3 | 6/2 |
| **300** | 4/2 | 7/6 | 9/7 | 10/9 | 9/9 | 5/4 | 6/5 |
| **Valley** | 4/3 | 9/8 | 10/9 | 12/10 | 10/10 | 7/6 | 8/6 |
| **Freezing Level*** | 1000m | 1000m | 1200m | 1300m | 1300m | 1200m | 1300m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Risk of wind chill at height this morning, given the cooler, cloudier, conditions. Some spells of strong sunshine by the afternoon with moderate UV levels. Sun protection is advised.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 02:00 on Sat 15 Apr 2023 | 5.8mm | 22mm | 28mm |

**Forecast for Sunday 16 Apr 2023**

**Weather:** Generally cloudy with outbreaks of light rain and drizzle. Rain likely patchier in the afternoon, with some bright spells developing across eastern parts. Clearing skies in the evening, allowing for low cloud and fog patches to form.

**Maximum wind:** Southerly 20-25mph, easing 10-15mph later.

**Chance of cloud-free hill tops above 600m:** 60%, increasing to 90% everywhere by the afternoon.

**Low Cloud and visibility:** Widespread low cloud with bases around 500m initially, perhaps covering lower slopes where drizzle persists and in the west until mid-morning. Cloud will lift clear of most summits by the afternoon. Good visibility outside of cloud, but deteriorating to poor in any outbreaks of light rain and very poor in drizzle.

**Temperature:** **Valleys:** Plus 7 Celsius becoming plus 12 Celsius.
**At 600m:** Plus 3 Celsius becoming plus 8 Celsius.
**Freezing level:** Above the summits.

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